

EFFICACY REVIEW

DATE: IN10- 2-96 OUT12-27-96

FILE OR REG. NO. 67505-L

PETITION OR EXP. PERMIT NO. _____

DATE DIV. RECEIVED September 12, 1996

DATE OF SUBMISSION September 9, 1996

DATE SUBMISSION ACCEPTED _____

TYPE PRODUCT(S): (I,)D, H, F, N, R, S Insect Growth Regulator

DATA ACCESSION NO(S) . 441128-09;D230282;S511769;Case#060802;AC:165

PRODUCT MGR. NO. 10-Keigwin/Tavano

PRODUCT NAME(S) ECTO F724 Product

COMPANY NAME ECTO Development Corporation

SUBMISSION PURPOSE Provide performance data in support of claims of
duration of freedom from adult fleas and hatch-
ing eggs for a 'spot-on' formulation on cats.

CHEMICAL & FORMULATION Pyriproxyfen: 2-[1-methyl-2-(4-phenoxyphen-
oxy) ethoxy] pyridine 5.3%
(8.42 lbs./gal. aqueous ready-to-use 'spot-on')

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession
(MRID) Number 411128-09, having been obtained from a standard ken-
nel test meeting the requirements of § 95-9(a)(2) and (3) on p. 263
and the standard of § 95-9(b)(2)(i) on p. 264 of the Product Per-
formance Guidelines, and the GLP requirements of 40 CFR 160, are
adequate to demonstrate the ability of the subject product to pre-
vent the appearance of adult fleas on cats for a minimum of 31 days
following a single application of 1.5 milliliters as a 'spot-on' to
the cat's back from the back of the head to the base of the spine.
These data are adequate to support the following claims on the
front panel: "Breaks Flea Life Cycle!", "Kills Flea Eggs and Larvae
for 30 Days!", "Prevents Flea Eggs from Developing into Biting
Adults for 30 Days!", "Aids in the Control of Flea Populations!",
and "Prevents Fleas on Your Cat from Continuing to Infest Your
House!"; and this additional claim in the paragraph beginning
"ECTO F724 Product....": "...prevents eggs from fleas on treated
cats from developing into biting adults for one month."

NAC Vern L. McFarland, IRB